Fig.1
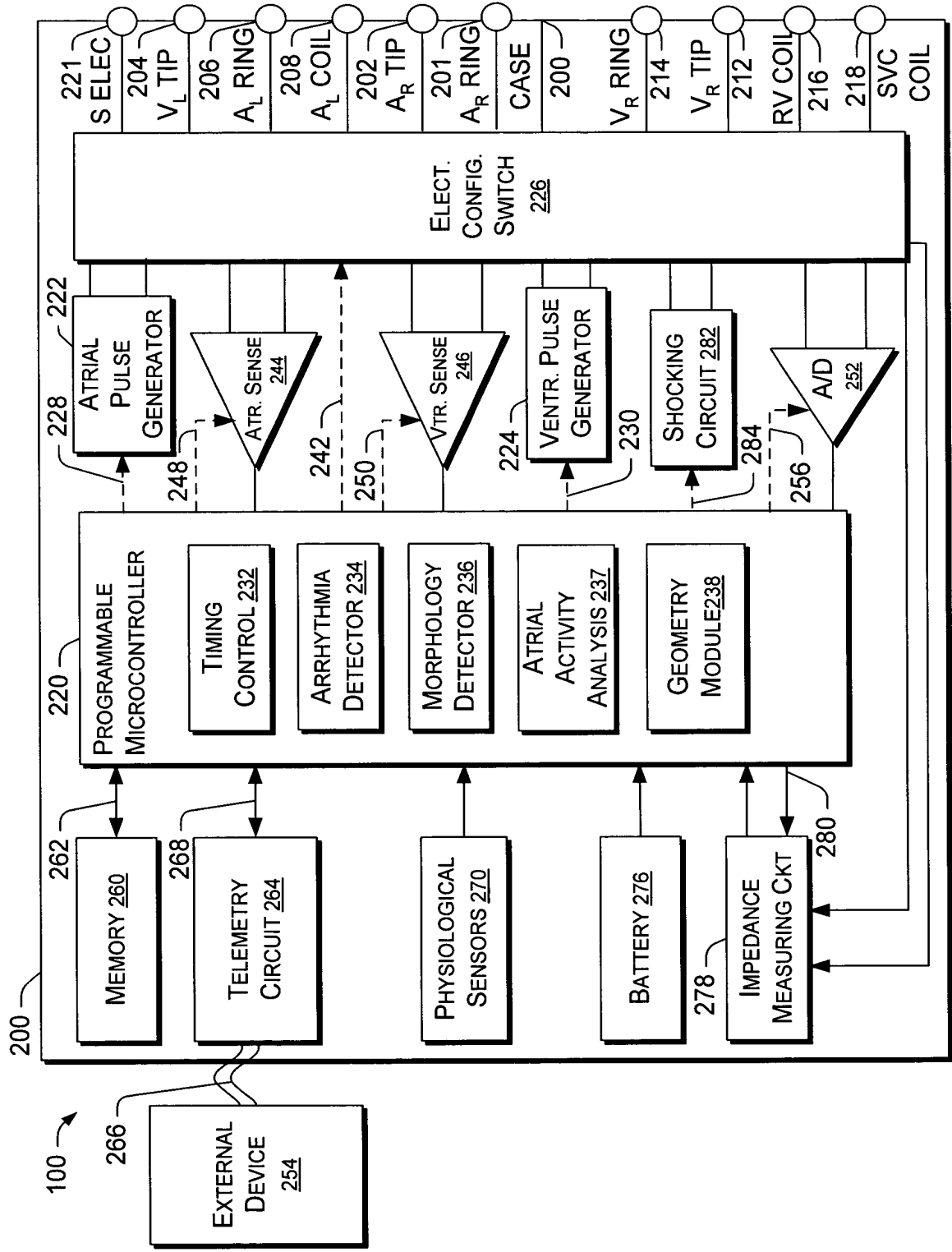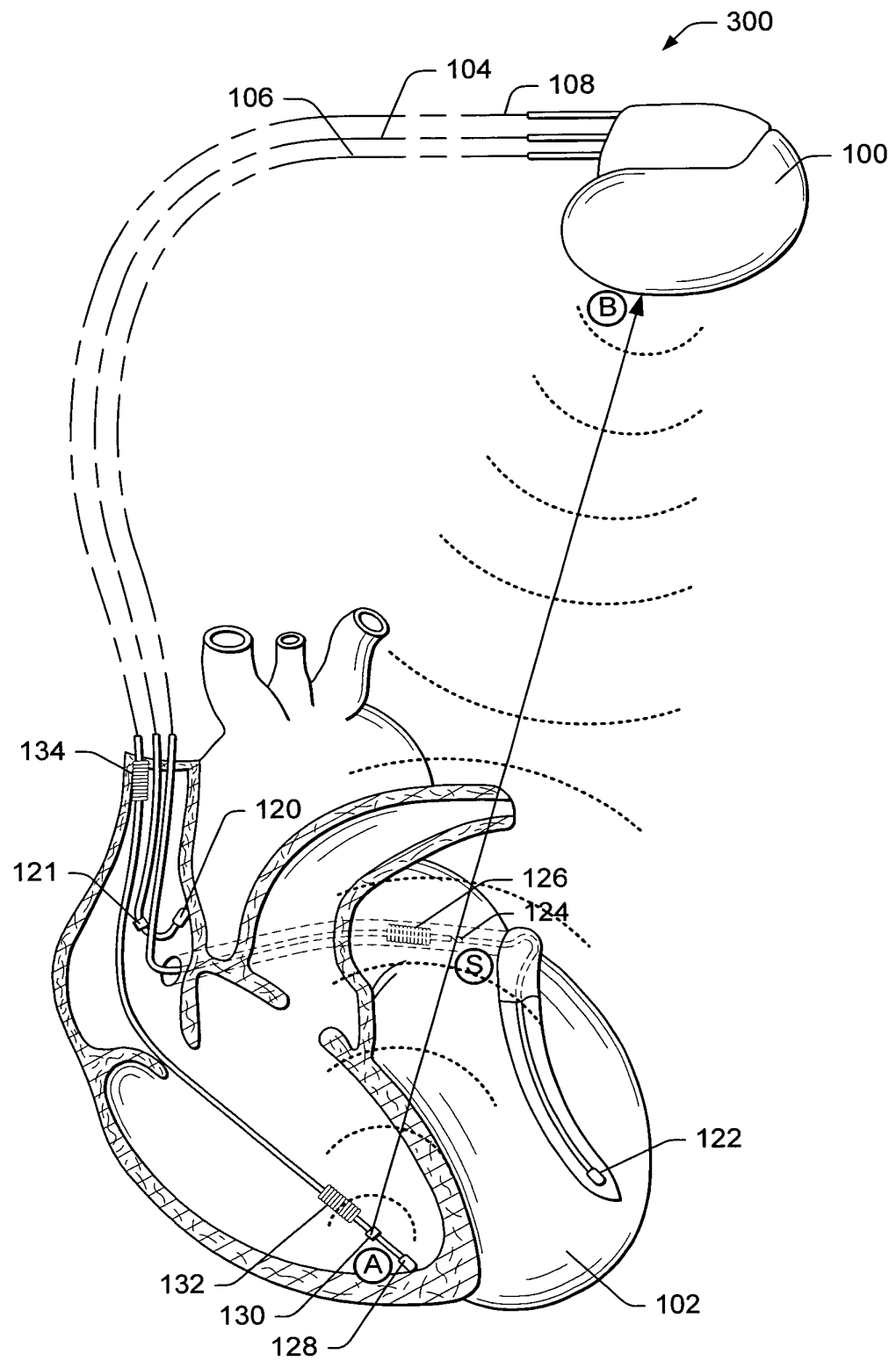
Fig.2

Fig.3

EXEMPLARY PLOT OF DISPLACEMENT VERSUS
PERCENTAGE CHANGE IN POTENTIAL ___ 400
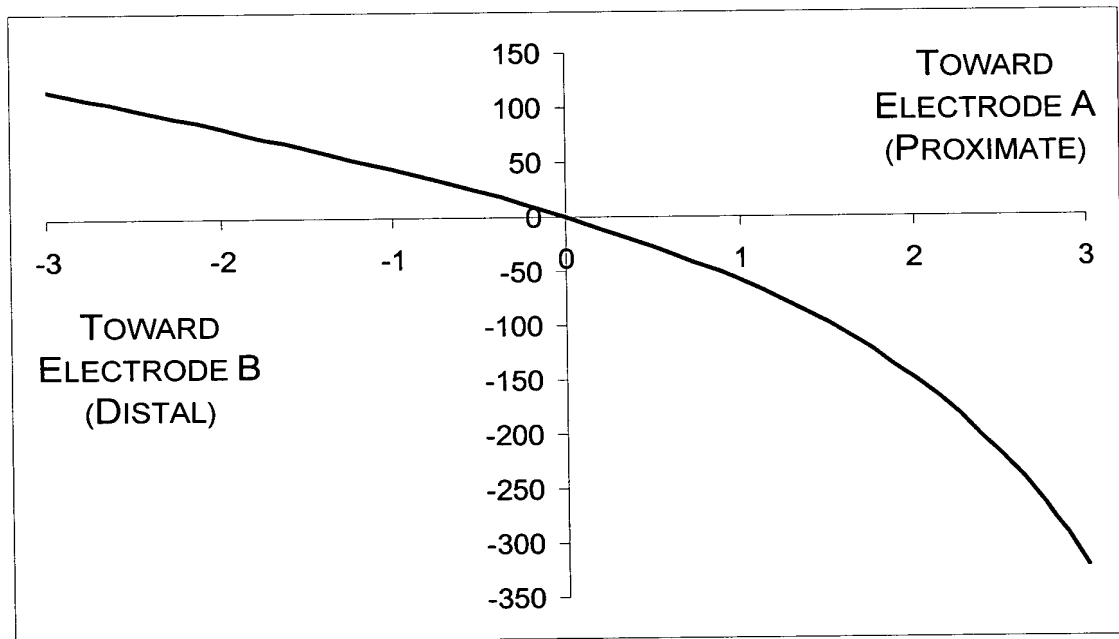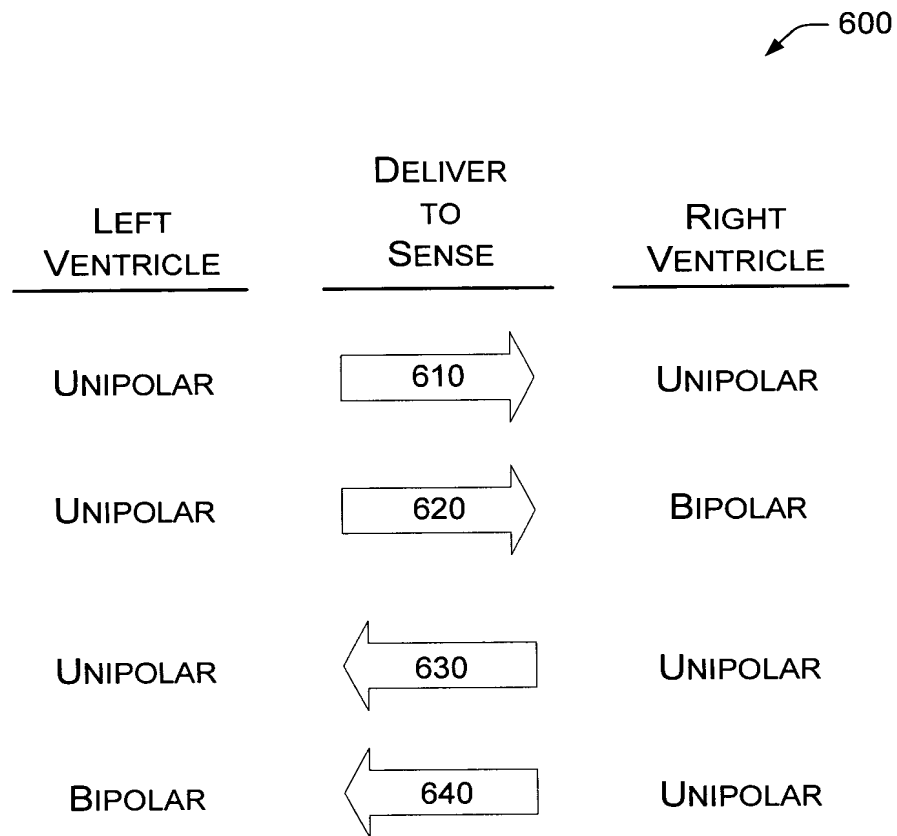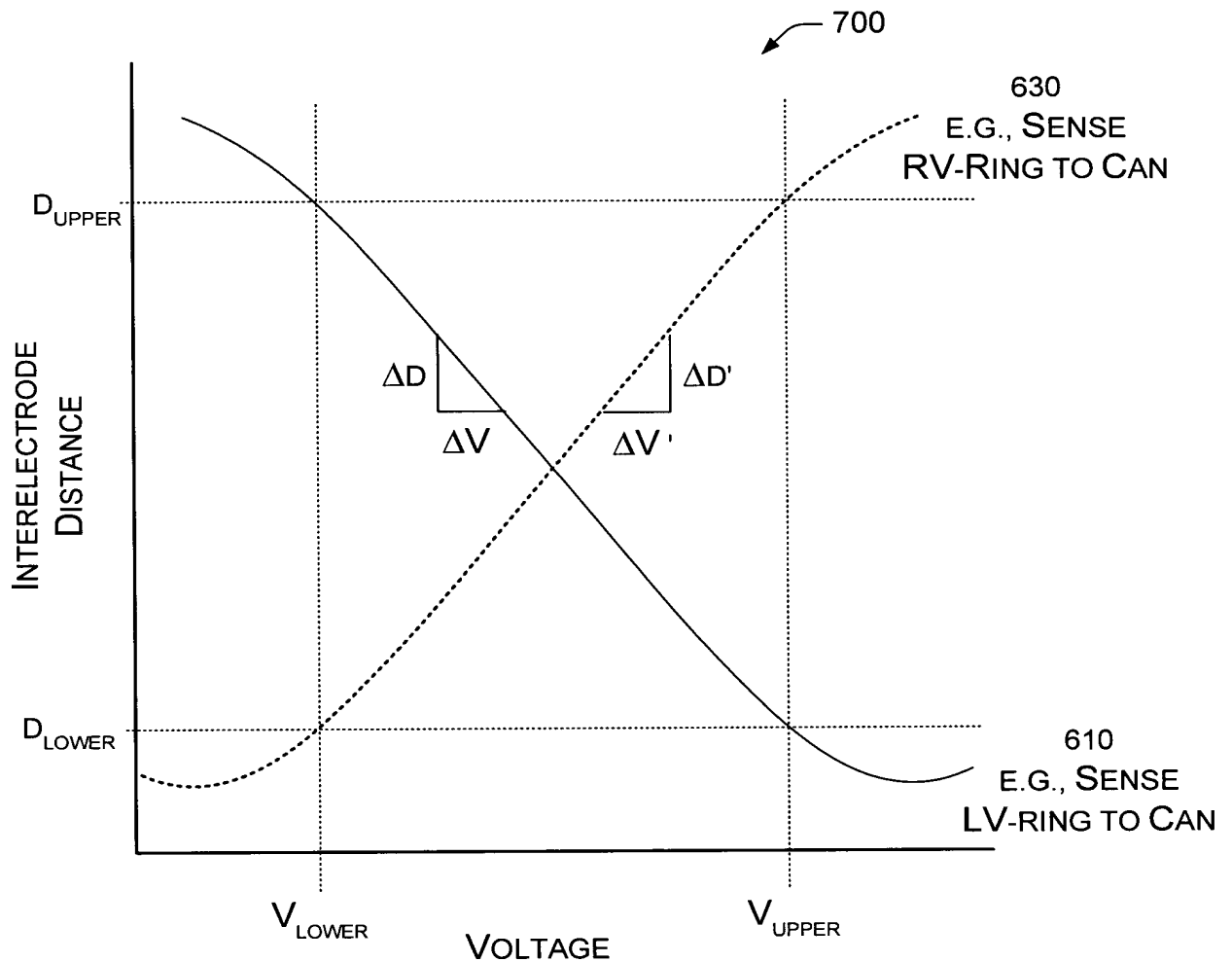

Fig.4

To Electrodes

X_{case}

X_{LV}

X

Fig 5

600

LEFT VENTRICLE	DELIVER TO SENSE	RIGHT VENTRICLE
UNIPOLAR	610 ⟹	UNIPOLAR
UNIPOLAR	620 ⟹	BIPOLAR
UNIPOLAR	⟸ 630	UNIPOLAR
BIPOLAR	⟸ 640	UNIPOLAR

Fig.6

POLYNOMIAL MODEL

$$Y = C_0 + C_1*X + C_2*X^2 + C_3*X^3$$

LINEAR MODEL

$$Y = C_0 + C_1*X$$

$$C_1 = M = \Delta D / \Delta V = \Delta D' / \Delta V'$$

OTHER MODEL

$$Y = F(X) \text{ AND/OR OTHER PARAMETER}$$

Fig.7

EXEMPLARY METHOD

800
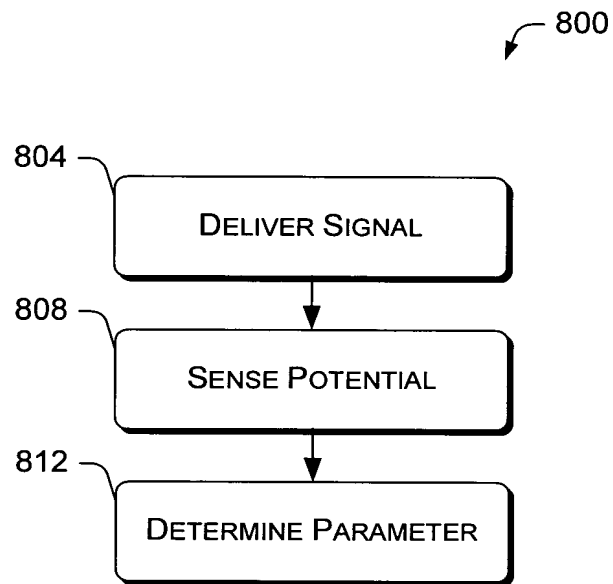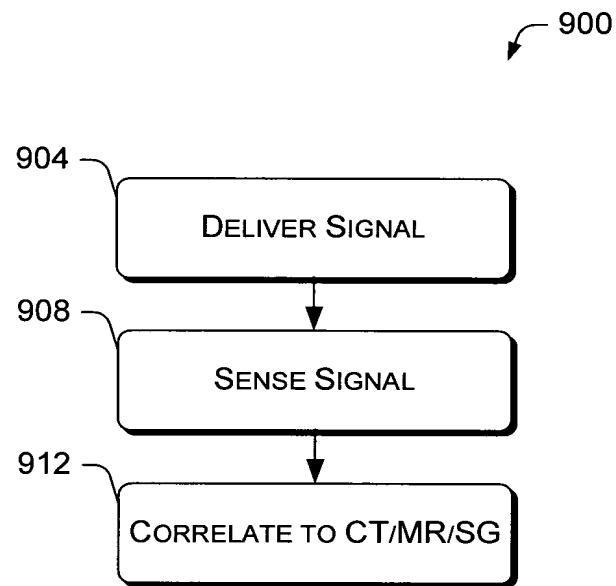
804 —

DELIVER SIGNAL

808 —

SENSE POTENTIAL

812 —

DETERMINE PARAMETER

Fig.8

EXEMPLARY METHOD

900

904 — DELIVER SIGNAL

908 — SENSE SIGNAL

912 — CORRELATE TO CT/MR/SG

Fig.9

EXEMPLARY METHOD

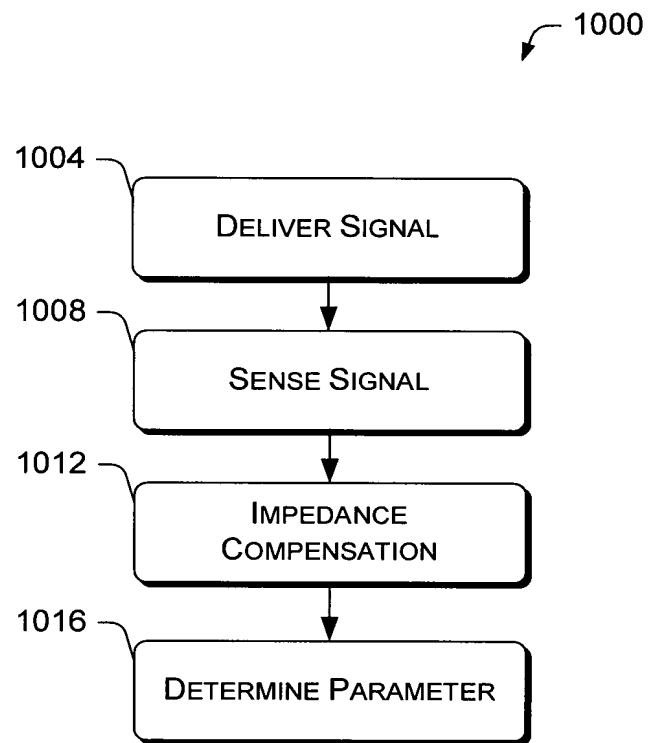1000

1004 — DELIVER SIGNAL

1008 — SENSE SIGNAL

1012 — IMPEDANCE COMPENSATION

1016 — DETERMINE PARAMETER

Fig.10

EXEMPLARY METHOD

1100

1104 — DELIVER SIGNAL

1108 — SENSE SIGNAL

1112 — DETERMINE PARAMETER

1116 — DELIVER PACING THERAPY

Fig.11